

1	MVHVAYSLCLPMRRSERYLF	LNMA	YQQVHA	1691243			
1	MGRA	-----	MVVR	LGGL	LLAL	-----	GI 1216498
31	NIENSWNEEEVWR	IE	MYIS	FGIM	SLGL	LSL	1691243
19	-----	LLPT	QIY	CNQ	TSVA	-PF	SGN
61	LAVTSIPSVSN	ALNW	REFF	SFI	QST	LG	YVAL
38	QSI	SAAP	NTNA	TRSG	CS	SL	QSTAG
						LLAL	1691243
							GI 1216498
91	LIS	TFHV	LIYG	WKRA	FE	EE	YR
68	-----	-----	-----	-----	-----	-----	-----
							1691243
							GI 1216498
121	LALVLP	SI	VID	LL	QL	-	CRYP
68	-----	-----	SL	SL	HL	YC	1691243
							GI 1216498

FIGURE 1

1	MFL	- - - - -	PPV	LAIR	RYVL	- - - - -	E	1999442
214	DQL	WVPLRWIA	PELV	DEVHGNL	LVVDQT	KS		GI 2459993
1	MW	- - - - -	VF	TL	SVTWI	- - - - -	G	GI 130989
18	AAVYTF	TFSTFYHACDQP	- - - - -	- - - - -	- - - - -	GI	V	1999442
244	SNV	WSLGVTIWELFELGACQP	YPQH	SDRQ	VL			GI 2459993
17	AA	PLIL-SRIVGGW-EC	EKHS	- - - - -	- - - - -	- - - - -		GI 130989
41	VFCIMDYDV	- LQFCDFLGSLSMSVWVT	VIAM					1999442
274	AYAVREQQLK	LPKPQLQLALSDRW	YEV	MQF				GI 2459993
36	- - - - -	- - - - -	QPV	QVL	VA	-		GI 130989
70	ARLQPVVK	- - - - -	QVL	- - - - -	YLLGAMLLSMA			1999442
304	CWLQPEQRPTAE	EVHLLLS	YLC	AKGT	TELE			GI 2459993
44	SRGRAVC	- - - - -	GGVL	- - - - -	- - - - -	- - - - -		GI 130989
92	LQLDRHGLWNLLGPS	- L	FALGIL	ATAWTV	R			1999442
334	EEFER	- - - - -	WRS	LRPGGSTGLGSA	PA	AA		GI 2459993
56	- - - - -	- - - - -	HPQW	LTAA	- - - - -	- - - - -		GI 130989

FIGURE 2A

121	S	V	R	R	H	C	Y	P	P	T	W	R	R	W	L	F	Y	L	C	P	G	S	L	I	A	G	S	A	V	1999442					
353	T	A	A	S	A	E	L	T	A	A	S	S	F	P	L	L	E	R	F	T	S	D	G	F	H	V	D	S	D	D	GI 2459993				
65	-	-	-	-	-	H	C	-	-	-	I	R	N	K	S	V	I	L	L	G	R	H	S	L	-	-	F	H	P	E	GI 130989				
151	L	L	Y	A	F	V	E	T	R	D	N	Y	F	I	H	S	I	W	H	M	L	I	A	G	S	V	G	F	L	1999442					
383	V	L	-	T	V	T	E	T	S	H	G	L	N	F	E	Y	K	-	W	E	-	-	-	A	G	C	G	A	E	E	GI 2459993				
85	D	T	G	Q	V	F	Q	V	S	H	S	-	-	F	P	H	P	L	Y	D	M	S	L	L	K	N	R	-	F	L	GI 130989				
181	L	P	P	R	A	K	T	D	H	G	V	P	S	G	A	R	A	R	G	C	G	Y	Q	L	C	I	N	E	Q	E	1999442				
418	Y	P	P	S	G	A	A	S	-	S	P	G	S	A	A	R	L	Q	-	-	-	-	E	L	C	A	P	D	S	S	GI 2459993				
112	R	P	-	-	-	-	-	-	-	-	-	-	-	-	-	G	D	D	S	S	H	D	L	M	L	L	R	L	S	GI 130989					
211	E	P	G	P	R	G	P	R	R	G	H	C	Q	-	-	-	-	Q	H	L	C	Q	L	R	G	A	L	G	L	A	1999442				
443	P	P	G	V	V	P	V	L	S	A	H	S	P	S	V	G	S	E	Y	F	I	R	L	E	G	A	V	P	A	A	GI 2459993				
128	E	P	-	-	-	-	-	-	-	-	-	-	-	-	-	A	E	L	T	D	A	V	K	V	M	D	L	-	-	P	T	Q	E	P	GI 130989
237	L	R	G	Y	E	C	F	L	E	F	F	L	G	V	W	S	P	L	R	R	R	Q	A	V	F	L	E	D	M	E	1999442				
473	G	H	D	P	D	C	A	-	-	-	-	-	-	-	-	-	G	C	A	P	S	P	Q	A	V	T	D	Q	D	N	N	GI 2459993			
147	A	L	G	T	T	C	Y	-	-	-	-	A	S	G	W	G	S	I	E	P	E	E	-	-	-	F	L	-	-	T	P	GI 130989			

FIGURE 2B

FIGURE 2C